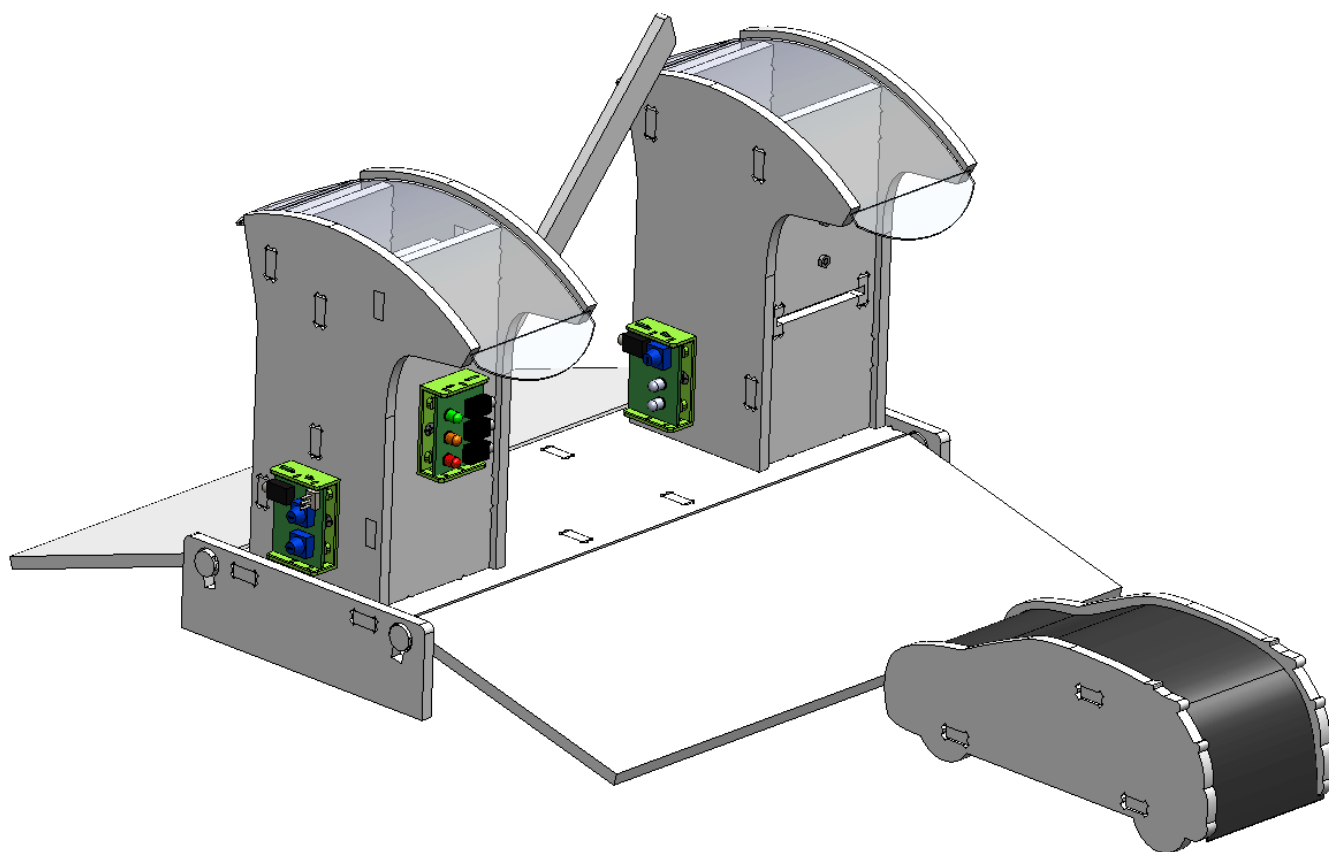


User Guide

PARKING BARRIER BY GROOMY, ref. 181258

Modular and programmable system, designed to be safety and sturdy. On this model, students will learn the basics of automation with the inputs & outputs principle, sensors and actuators etc...

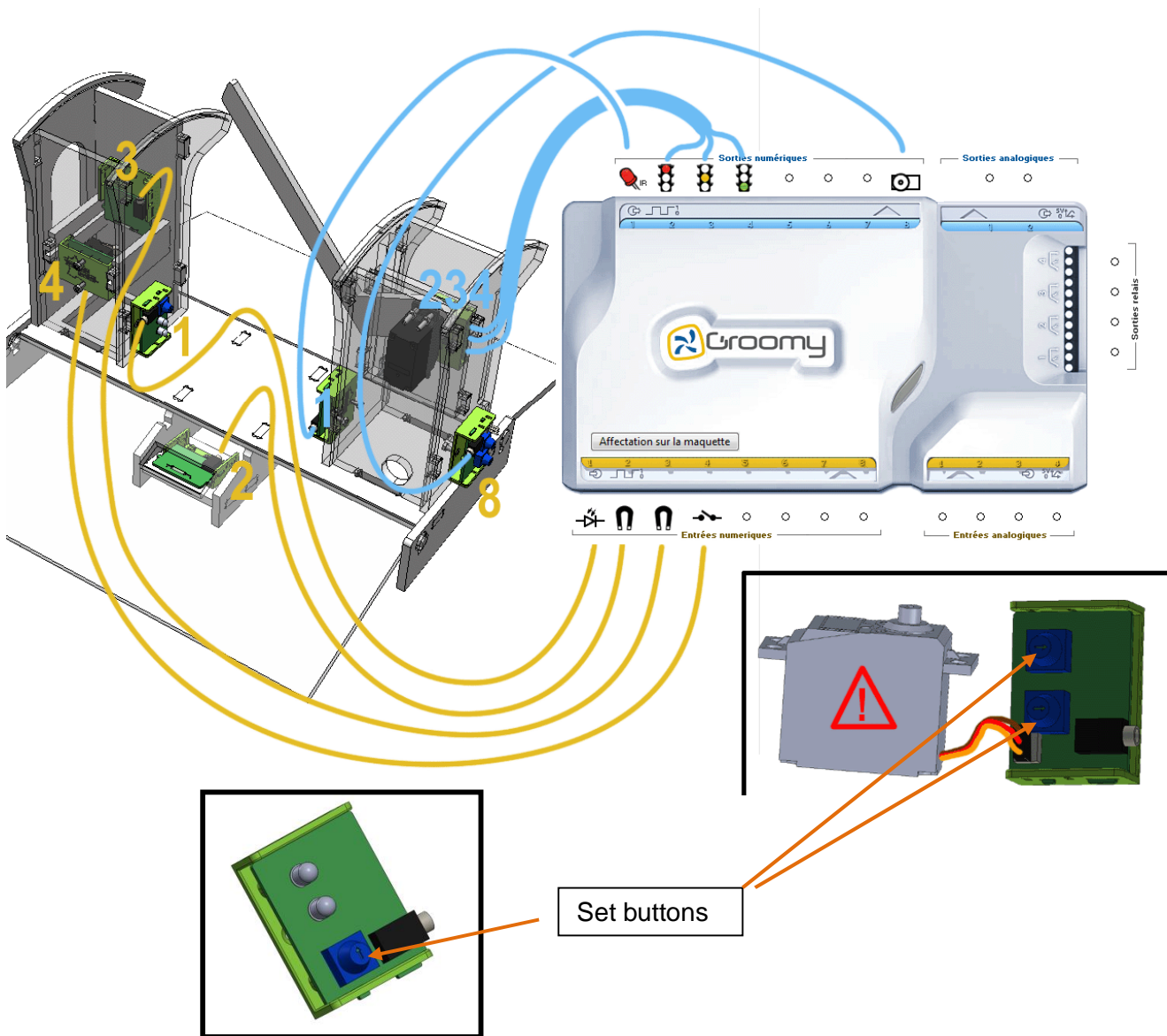
What's in the box:












Sensors and actuators assignments:

Connect all the inputs with the yellow leads, all the outputs with the blue leads.

For a first use, follow up the instructions of the user guide provided with the Groomy interface



- Connect the servomotor to its card as indicated above..
NOTE: pay attention to assemble those the right way round.
- Set the position of the barrier thanks to the 2 set buttons situated on the servomotor
- Set the infrared LED according to the light level thanks to the set button situated on the infrared receiver sensor. Make sure that when the infrared barrier, the red LED lights on.

Channel No.	sensor/ actuator	Name	Input/output	
1	sensor	Infrared receiver	Input	
2	sensor	Reed switch (car)	Input	
3	sensor	Reed switch (card)	Input	
4	sensor	Switch	Input	
1	actuator	Infrared transmitter	Output	
2	actuator	Red light	Output	
3	actuator	Orange light	Output	
4	actuator	Green light	Output	
8	actuator	servomotor	Output	

Programing:

- Download Groomy SysML software via the activation key you received.
- Download the free dedicated program on www.jeulin.com, tab Resources